

## ABSTRACT OF THE DISCLOSURE

The invention provides an improved golf ball having a thermosetting polyurethane cover that enables the ball to maintain its ball characteristics even under a severe condition such as a rainy weather or a very hot weather under a burning sun. The golf ball has a cover made of the polyurethane prepared by curing a urethane prepolymer having an isocyanate group at a terminal thereof with a curing agent. The urethane prepolymer contains a polycarbonate polyol component having a number-average molecular weight of from 300 to 3000.